

ABSTRACT OF THE DISCLOSURE

A system for controlling video and audio devices distributed over a power-line communications (PLC) network. Streaming video and/or audio is communicated between media devices interfaced with a power-line communications (PLC) network. The devices are typically controlled by a media server which is preferably configured for receiving commands from a user utilizing a remote control unit, wherein commands are received by a media device, and certain commands which are not directed at that media device are passed through the media device to the media server for controlling the action of other media devices. The server supports adjusting encoding and/or decoding latency for synchronizing streams being input or output on media devices. Locking functions and password control features are provided for limiting control or dissemination of content. Rate control is preferably provided for limiting bandwidth utilization by streams, and a room-to-room live pause feature to prevent loss due to interruptions.